

**Abstract**

A container in which minerals such as silica are prepared for testing or are tested in a thermo-electrolytic process includes bottom and sides for containing a corrosive electrolyte, such as, a sulfuric or hydrochloric acid solution. The bottom and the sides of the container are composed of a high heat resistant cured mixture of graphite or graphite composite material. The sides form a pouring spout. The container has a removable cover.